

IN THE SPECIFICATION

A Substitute Specification is being provided herewith in order to bring the Application into full compliance with the requirements of 37 C.F.R. § 1.821 through 1.825 by the addition of sequence identifiers (i.e., SEQ ID NO:_) where required. Please replace the originally submitted Specification with the Substitute Specification. A marked-up copy showing all of the changes to the Specification of record is also being submitted herewith. Since all sequences identified in the Substitute Specification refer to sequences described in the originally-filed formal Sequence Listing, no new matter has been introduced to the Application by these changes.

Additionally, typographical errors have been corrected throughout the Substitute Specification, as indicated in the marked-up copy, and the line numbering that was provided in the original specification has been replaced by the numbering of individual paragraphs. As explained below, no new matter is being introduced by these corrections, and Applicants submit that the Substitute Specification puts the Application in better condition for allowance.

Furthermore, the first paragraph of the originally-filed Specification, bearing the heading "Cross-Reference to Related Applications," has been replaced with the corrected first paragraph, which was previously supplied in the Preliminary Amendment filed November 17, 2006. The corrections to this paragraph were necessary to correct inconsistencies and minor typographical errors and do not constitute new matter.

Finally, a paragraph describing the Sequence Listing that was filed on compact disk on November 17, 2006 has been inserted between the sections entitled "Technical Field" and "Background of Invention" and bridges pages 1 and 2 of the Application.